ABSTRACT OF THE DISCLOSURE

A system for monitoring response time of a method or function associated with a Java software component is disclosed. The system comprises an instrumentation engine for

5   inserting instrumentation code in a byte code representation of said method or function, said instrumentation code effecting generation of a start time marker and a stop time marker upon start and completion, respectively, of the method or function. The system can further comprise an interface module that is invoked by the instrumentation code upon start and completion of said method or function, and an application response measurement (ARM)

10   agent that is in communication with the interface module. The interface module, upon invocation by said instrumentation code, calls the ARM agent to cause generation of the start and stop time markers by the ARM agent.

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